Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Public Notice	)	PS Docket No. 06-229
Office of Management and Budget Grants	)	
Emergency Approval for Information Collection	)	DA 10-1097
Managed under 700 MHz Waiver Petition Order	)	
In PS Docket 06-229	)	
	)	
	)	

SECOND QUARTERLY REPORT OF THE CITY OF BOSTON

Respectfully Submitted on Behalf of
MAYOR THOMAS M. MENINO

By and through

William G. Oates, Chief Information Officer

And

Donald R. Denning, Jr., Public Safety CIO
Tel: 617-635-1935

Department of Innovation and Technology,

City of Boston
Boston City Hall, Room 703
Boston, MA 02201

October 14, 2010

In compliance with the Public Notice[1], and the requirement of the FCC's Waiver Order[2] the City of Boston respectfully submits its second quarterly report. The Public Safety Spectrum Trust has reviewed the content of this report.

I. Planning

Expected timing for development of and issuance of any RFI/RFP

The City of Boston is currently in the process of drafting an RFI/RFP which was to be issued during Q4 CY10. The City had hoped to meet this initial schedule with a successful award of an NTIA/BTOP grant. The City was not awarded a BTOP grant. This unfortunate circumstance has required us to reevaluate our options for deployment and has changed the content of the RFP. The RFI/RFP content is based upon background information previously collected during the BTOP grant application process and leveraging other procurement documents used by other jurisdictions as part of their process as well as a review of the interoperability showings submitted to the FCC on 19 July 2010. At this time we are unable to provide sufficient detail about certain interoperability specifics (roaming, PLMN-ID, etc.) inclusion in a truly comprehensive RFP. If key details are still are not resolved during Q4 CY10 we will issue as an RFI and utilize the RFI responses to assist the City in drafting a comprehensive RFP for issuance in Q2 of CY11.

The City of Boston has met with numerous vendors and commercial providers over the past quarter to help us understand deployment and partnership models. Vendor contacts included Motorola, Inc, Alcatel-Lucent Corporation, AT&T Wireless and Verizon Wireless. With the assistance of the PSCR team at NIST, the City is still in the process of creating additional vendor contacts to assist in the RFI/RFP process. The City continues to participate in the PSST OAC.

As required by the order, the City of Boston sent notification of our intent to early deploy "a wireless, interoperable broadband network in the 700MHz public safety broadband spectrum" to the Chief Information Officer of the Commonwealth of Massachusetts on July 19, 2010. On July 20, 2010, the Assistant Secretary for Administration and Finance/Chief Information Officer of the Commonwealth acknowledged receipt of our notification and noted that they "look forward to working with [the city] to ensure [its] success".

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[1] *See* Public Notice, Office Of Management And Budget Grants Emergency Approval For Information Collection Mandated Under 700 Mhz Waiver Petition Order In PS Docket 06-229, FCC DA 10-1097, OMB Control #3060-1140 (Released 17 June, 2010)

[2] See FCC Order, In the Matter of Request for Waiver of Various Petitioners to Allow the Establishment of 700 MHz Interoperable Public Safety Wireless Broadband Networks, ¶64. PS Docket 06-229, FCC 10-79 (Released May 12, 2010). (the "Waiver Order")

On 12 July 2010, the City of Boston submitted their Spectrum Lease Agreement to the PSST for their approval. The City did not request any modifications to the lease agreement. On August 6, 2010 the PSST submitted the agreed to Spectrum Lease Agreement to the FCC for approval. On September 2, 2010 the FCC approved the lease in Public Notice DA 10-1678.

The City has completed all contractual paperwork with the Public Safety Spectrum Trust (PSST) as required by Massachusetts General Law Chapter 30B. The payment is currently in the process of being issued. The City fully anticipates issuing the payment to the PSTT prior to date specified in the order.

II. Funding

The City of Boston submitted a grant application to the BTOP program for approximately $24,000,000.00 of which approximately $16,000,00.00 would be federally funded. On September 27, 2010 the City was telephonically notified by the NTIA that the grant application was not selected for funding. The FY11 City of Boston Capital Budget has been approved by the City Council for a portion of the Public Safety Broadband Network and that funding was being held to fund the local match portion during the first year of the grant award.

Unfortunately, the lack of the highly anticipated BTOP grant will greatly hinder our ability to deploy the network as quickly and aggressively as we had originally planned. The City is now investigating options for moving forward in the absence of the grant. The current authorized capital funding will now need to be applied to building some initial small portion of the network. Additional capital funding requests will be required to continue to meet the needs of the originally envisioned network build out.

The City of Boston has a comprehensive and well managed long-term capital budget planning process. The disappointing lack of grant funding will require us to adjust our previous established plans for network deployment and subsequently make additional requests for capital funding that will hopefully continue to fund the build out over an extended 36 to 48 month period.

We are also investigating other grant opportunities though the UASI HSGP and PSIC programs.

III. Deployment

Status of equipment development and purchase, including number of devices and users

At this time no equipment has been deployed or purchased

Site development, including use of existing towers

The preliminary design developed with the assistance of the vendor base calls for 20 eNode-B sites to provide adequate coverage within the operational area.

As part of the preliminary design process, we targeted City owned properties. The sites selected are considered for first order selection, as many of them are existing LMR sites, future LMR sites or sites that will require minimum construction. With the exception of one site, all are under full control of the City or City authorities. The one exception is a state controlled facility that is currently a City LMR site. As we move forward with a more detailed and comprehensive network design we, will continue to leverage City owner site locations to minimize any construction costs. The City of Boston fiber optic network currently serves all but one site. We anticipate no extraordinary permitting delays due to site selection.

We foresee no right of way issues with our current site selections.

We are not planning on any new site acquisitions as all sites that were selected in the preliminary design are City owned (with the exception of the formerly mentioned State site.)

The City has completed structural analysis at the two sites which had questionable ability to host additional equipment.

We are now working at upgrading a building enclosure at a state operated site as part of a different project. The upgrade will allow sufficient physical space to support the eNode-B equipment at that site.

Deployments and upgrades (commencement and completion), including site information and location

As the City has not yet entered into a contract with a vendor to deploy, we are unable to provide a detailed deployment schedule. As part of the preliminary information gathering process, we anticipate beginning to deploy physical site equipment during Q2 or Q3 of CY11. Completion is targeted for 24-48 months following project start.

Applications in development or in use

In anticipation of the availability of the Public Safety Broadband Network, we are increasing our capability to support mobility VPNs over commercial carriers with the understanding that our current investments will be applicable to the new network.

We are also in the process of procuring new Computer Aided Dispatch and Automated Field Reporting and designing these applications to leverage the network's full capability.